



106-27-002

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#3 MP

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/072,038, Conf. No. 1888
		Filing Date	February 7, 2002
		First Named Inventor	Shuman
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	13503US01

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application  <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		Completion of Filing Requirements

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	Kirk A. Vander Leest
Signature	<i>Kirk A. Vander Leest</i>
Date	June 26, 2002

**CERTIFICATE OF MAILING**

Express Mail No. EL 8489 98724 US date: June 26, 2002			
Name (Print/type)	Kirk A. Vander Leest	Registration No. (Attorney/Agent)	34,036
Signature	<i>Kirk A. Vander Leest</i>	Date	June 26, 2002



PTO/SR-17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2002**

Patent Fees are subject to annual revision.

**Complete if Known**

Application Number	10/072,038, Conf. No. 1888
Filing Date	February 7, 2002
First Named Inventor	Shuman
Examiner Name	
Group Art Unit	
Attorney Docket No.	13503US01

**TOTAL AMOUNT OF PAYMENT (\$)****METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number  
Deposit  
Account

13-0017

McAndrews, Held &amp; Malloy

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing Fee	
106	330	206	165	Design filing Fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1) (\$)****2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims <input type="text"/> - 20** = <input type="text"/> x <input type="text"/> = <input type="text"/>			
Independent Claims <input type="text"/> - 3** = <input type="text"/> x <input type="text"/> = <input type="text"/>			
Multiple Dependent <input type="text"/> = <input type="text"/>			

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	400.00
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 530.00**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Kirk A. Vander Leest	Registration No.	34,036	Telephone	312-775-8000
Signature	<i>Kirk A. Vander Leest</i>	Date	June 26, 2002		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

#3



Attorney Docket No. 17810 (MHM 13503US01)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

Shuman et al.

SERIAL NO.: 10/072,038

FILED: 2/7/02

FOR: ELECTRICAL CONNECTOR  
ASSEMBLY

Conf. No. 1888

EXPRESS MAIL NO. EL848998724US

DATE: June 26, 2002

COMPLETION OF FILING REQUIREMENTS

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Dear Sirs:

This replies to the office letter dated March 6, 2002. A copy of the Notice to File Missing Parts of Application-Filing Date Granted (Form PTO-1533) is enclosed. The application as filed did not include a declaration or oath executed by the inventors. A Combined Declaration and Power of Attorney For Patent Application which has been executed by the inventors is enclosed. Since this response is being filed after the May 6, 2002 due date, a two-month extension of time is also enclosed.

#3

## FEEES

### Surcharge fees:

- |                   |  |                        |
|-------------------|--|------------------------|
| ( )               | the statutory basic filing fee.  | <u>\$ .00</u>          |
| ( )               | fee for <u>0</u> additional dependent claims.  | <u>\$ .00</u>          |
| (X)               | Two-Month Extension of Time  | <u>\$400.00</u>        |
| (X)               | late filing of original declaration or oath<br>(37 CFR 1.16(e)-\$130.00; small entity-\$65.00) | <u>\$130.00</u>        |
| <b>TOTAL FEES</b> |  | <b><u>\$530.00</u></b> |

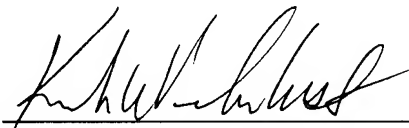
## PAYMENT OF FEES

- (X) Enclosed is a check in the amount of \$530.00 to cover the surcharge and two-month extension.

## AUTHORIZATION TO CHARGE ADDITIONAL FEES

The Commissioner is hereby authorized to charge any additional filing fees which may be required for this application, or credit any overpayment, to Account No. 13-0017.

Date: June 26, 2002

By:   
Kirk A. Vander Leest  
Reg. No. 34,036  
Attorney for Applicants

Tyco Electronics Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, Delaware 19808-2952



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/072,038	02/07/2002	Aaron J. Shuman	17810 (MHM 13503US01)

CONFIRMATION NO. 1888

FORMALITIES LETTER



\*OC000000007588051\*

Tyco Electronics Corporation  
Suite 450  
4550 New Linden Hill Road  
Wilmington, DE 19808-2952



Date Mailed: 03/06/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/02/2002 JBALINAN 00000018 10072038

02 FD:105

130.00 0P



Attorney Docket No. 17810 (MHM 13503US01)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

Shuman et al.

SERIAL NO.: 10/072,038

FILED: 2/7/02

FOR: ELECTRICAL CONNECTOR  
ASSEMBLY

EXPRESS MAIL NO. EL848998724US

DATE: June 26, 2002

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

**Attention:** Chief Draftsperson

Sir:

Transmitted herewith for filing is fifteen (15) sheets of formal drawing containing Figs. 1-26 for the above-identified patent application.

The Commissioner is authorized to charge any additional fees or credit any overpayment to the deposit account of McAndrews, Held and Malloy, Ltd., account number 13-0017.

Respectfully submitted,

Date: June 26, 2002

Kirk A. Vander Leest  
Reg. No. 34,036

Tyco Electronics Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, Delaware 19808-2952

Approved  
BAC  
9/11/03